

ICLEI Tools and Resources for Municipalities in Massachusetts



Mission

Our mission is to build, serve, and drive a movement of local governments to advance deep reductions in greenhouse gas emissions and achieve tangible improvements in local sustainability.



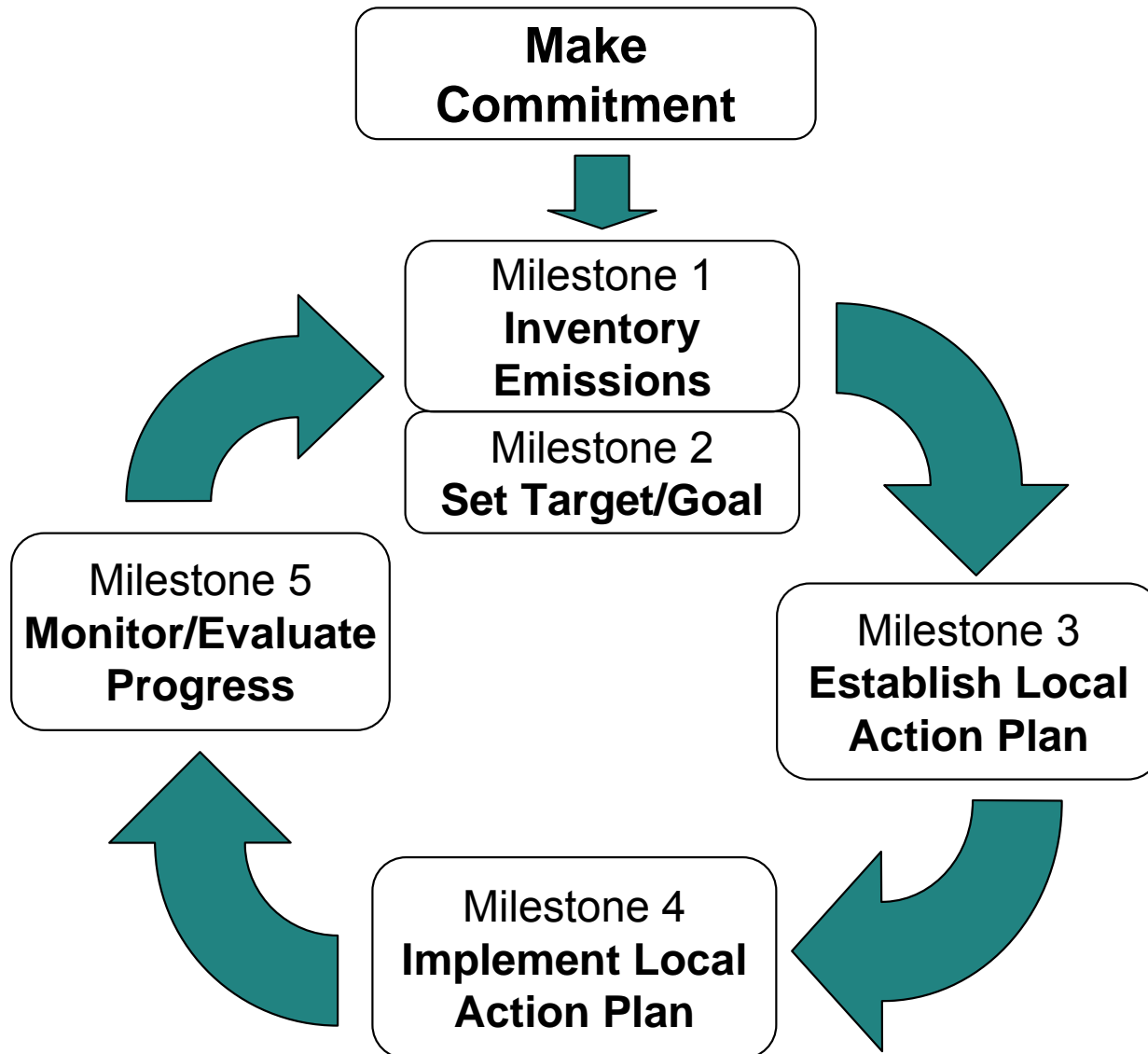
ICLEI Members in Massachusetts

Amherst	Marshfield
Ayer	Medford
Belmont	Nantucket
Boston	Natick
Cambridge	Newburyport
Carver	Newton
Centr. MA Plan	Northampton
Dedham	Pioneer Valley
Devens	Pittsfield
Greenfield	Provincetown
Hingham	Reading
Ipswich	Salem
Kingston	Shutesbury
Lexington	Spencer
Lincoln	Springfield



Waltham	Williamstown	Worcester
Wellesley	Winchester	

The 5 Milestone Process







How do local governments benefit from working with ICLEI?

- National and international network of peers
- Emissions Analysis Software, Protocol, and Decision Support Tool
- Standard Methodology and Technical Assistance
- ICLEI Trainings and Events
- Technical, policy, and communications assistance
- Framework for approaching climate protection
- Tools and Resources (publications)
- Massachusetts State Network
- Strategic Partnerships



ICLEI Online: www.icleiusa.org



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Local Action Moves the World

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ICLEI - Local Governments for Sustainability is a membership association of more than 400 local governments in the US committed to advancing climate protection and sustainable development.

San Diego, CA



Join ICLEI

ICLEI Members



Is Your Community an ICLEI Member?

Search our [list of members](#)

Keep Up With STAR



Gear Up for Local Climate Action Week



Next week (Dec. 8-15), help send a message to Washington: Thousands of ready-to-go local government projects can create jobs, reduce energy consumption

Obama and Local Governments



Will President Obama deliver climate action we can believe in? Here's a look at what local government leaders can hope for, and how they can help shape his

Climate Adaptation



- **Climate Mitigation** – Any measure or activity taken to reduce greenhouse gas emissions.
- **Climate Adaptation** – Any measure or act that reduces the negative impacts of climate change or increases new opportunities. There are three ways to adapt to climate change – to anticipate, react spontaneously, or plan.
- **Adaptation and Mitigation are not mutually exclusive**
 - Many mitigation strategies are adaptation strategies and vice versa.
 - Challenge is the integration of the two.
- **Adaptation Tools**
 - King County Guidebook
 - Keene, NH's Adaptation Plan
 - Adaptation Steering Committee

Climate Air and Pollution Planning Assistant (CAPPA): A Decision Support Tool

- Action planning tool
- Based on best practices and local circumstance
- Multi-metric rating
- Scalable, customizable
- Hundreds of measures
- Case studies
- Implementation guidance
- Evolving
- Currently being beta tested

ICLEI Emissions Reduction Decision Support Tool

Purchase of Hybrid/Electric Vehicle

Background Description:

In some cities, exhaust from cars and light trucks is the single biggest air polluter. Electric drivetrains are much more efficient than the drivetrains used on standard internal combustion engine vehicles and can significantly reduce particulate matter and greenhouse gases. Electric motors, rather than pistons and shafts, provide the necessary propulsion. Hybrid/electric vehicles couple an electric drive with a gasoline engine and are widely available and are suited for a variety of applications. Hybrid Ford Escapes are being used as taxi cabs in New York City and San Francisco. In 2006, Ford Motor Company pledged to make hybrid versions of half of their fleet. While Ford is unlikely to reach this goal, automakers are increasingly making hybrid/electric versions of existing models available. Many jurisdictions are now employing hybrid buses to reduce particulate emissions and save money on fuel.

EPA estimates that the Toyota Prius achieves gas mileage

Average Emissions Reductions :

Default values for emissions reductions are for converting one traditional gasoline engine to a hybrid engine, and savings 457 gallons of gasoline. To Calculate the effect of converting more vehicles to hybrids, see the calculator below.

CO₂: 9,811 pounds
NO_x: 30 pounds
SO_x: 2
CO: 318
VOC: 33
PM₁₀: 1

Implementation Guidebooks

“How-To Guidebooks”

- Outreach and Communications
- Recycling and Solid Waste
- Revolving Energy Funds
- Environmentally Preferable Purchasing
- Small Communities

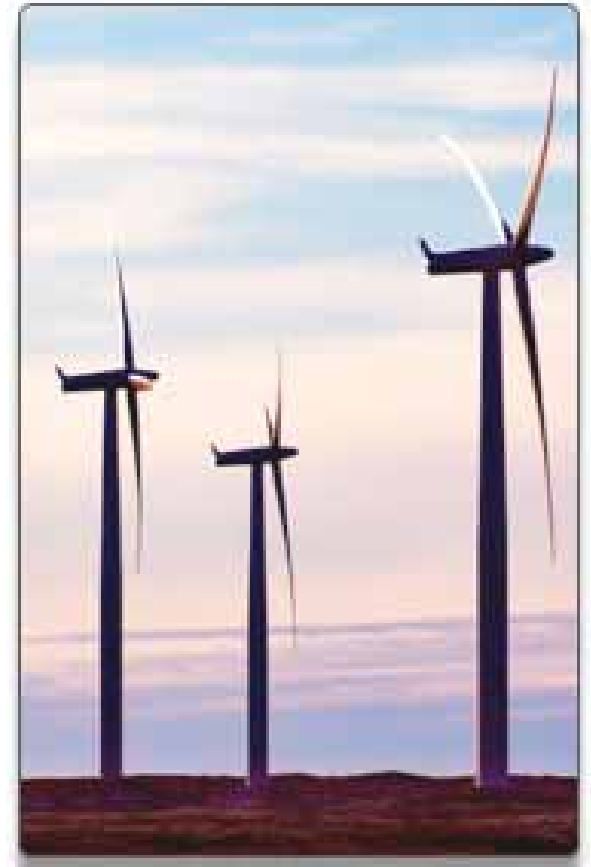
Launch: March – April 2009



Clean Energy Toolkit

- Toolkit that highlights how to install, purchase, finance, and promote clean energy
- Focused on the Commonwealth of MA but applicable for all local governments
- Includes sample ordinances, zoning language, and policies
- Includes case studies of best practices

Launch: May 2009





STAR Community Index

- Globally recognized green standards system for cities
- Accountability in data and actions
- Prioritized and informed decision making
- A roadmap for cities to track and achieve climate and sustainability goals
- Peer-to-peer learning among communities and citizen engagement
- + Sustainability Guidebook



How can your local government make a difference?

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